



Boston

ROSALIE RUFFINO - SPRAGUE ENERGY (V-03-1791)

ANALYTICAL REPORT NO: 440758/ P41303153

SHORE TANK # 3 (AFTER DISCHARGE T/B B 95)
SPRAGUE ENERGY, BUCKSPORT, ME
6 FUEL OIL ON NOVEMBER 28, 2003

5076

<u>TESTS</u>	<u>METHODS</u>	<u>RESULTS</u>
GRAVITY, API @ 60 DEG F.	ASTM D 4052	16.6
FLASH POINT, F	ASTM D 93	192
SEDIMENT & WATER, VOL. %	ASTM D 1796	0.30
SEDIMENT BY EXTRACTION, WT. %	ASTM D 473	0.03
VISCOSITY, @ 122 F, SFS/CST	ASTM D 445	118.1/249.9
POUR POINT, C	ASTM D 97	+15
SULFUR, WT. %	ASTM D 4294	0.487
ASH, WT. %	ASTM D 482	0.014
GROSS BTU, LB. / GAL.	CALCULATED	18,849/149,981
NITROGEN, WT. %	ASTM D 5762	0.35
ASPHALTENES, WT. %	IP 143	1.6
CONRADSON CARBON RES. WT. %	ASTM D 189	8.1
WATER BY DISTILLATION, VOL. %	ASTM D 95	0.2
SODIUM, PPM WT.	ASTM D 5863	16
VANADIUM, PPM WT.	ASTM D 5863	8

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SGS OIL, GAS & CHEMICALS
BOSTON - DECEMBER 2, 2003

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Approved, 7/16/02 S. Mitchell

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